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(74) Agent: SCHALKWIJK, Pieter, Cornelis; Akzo Nobel
N.V., Intellectual Property Dept. (Dept. AIP), P.O. Box
9300, NL-6800 SB Arnhem (NL).

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(71) Applicant (*for all designated States except US*): AKZO
NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Am-
hem (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): DE VRIES, Bern-
hard [NL/NL]; Harderwijkerweg 362, 8077 RK Hulshorst
(NL). VAN SWIETEN, Andreas, Petrus [NL/NL];
Reinaldstraat 6, NL-6883 HM Velp (NL). SYED, Ejaz,
Ahmed [NL/NL]; Staalstraat 3, NL-7425 AP Deventer
(NL).

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(54) Title: KETONE PEROXIDE COMPOSITIONS

(57) Abstract: The invention pertains to a composition of a ketone peroxide comprising a) a peroxide derivative of the formula $\text{HOO-C(R}_1\text{)(R}_2\text{)-OOH}$ wherein R_1 is a branched or unbranched alkyl group with 1 to 4 carbon atoms or alkenyl group with 2 to 4 carbon atoms; and R_2 is a branched or unbranched alkyl or alkenyl group with 5 to 12 carbon atoms; and b) a branched or unbranched hydrocarbon solvent; the peroxide derivative of a) having a solubility more than 40 g in 100 g of the solvent of b) at 20°C; and comprises less than 10 wt.% of a peroxide derivative of the formula $\text{HOO-C(R}_1\text{)(R}_2\text{)-OO-C(R}_1\text{)(R}_2\text{)-OOH}$, wherein R_1 and R_2 have the previously given meanings.

WO 03/070699 A1